NORTHROP GRUMMAN

DEFINING THE FUTURE

Interservice Material Accounting and Control System

Program Management Review

Status for week ending September 17, 2004

September 23, 2004
Dayton, OH

Milestone Schedule

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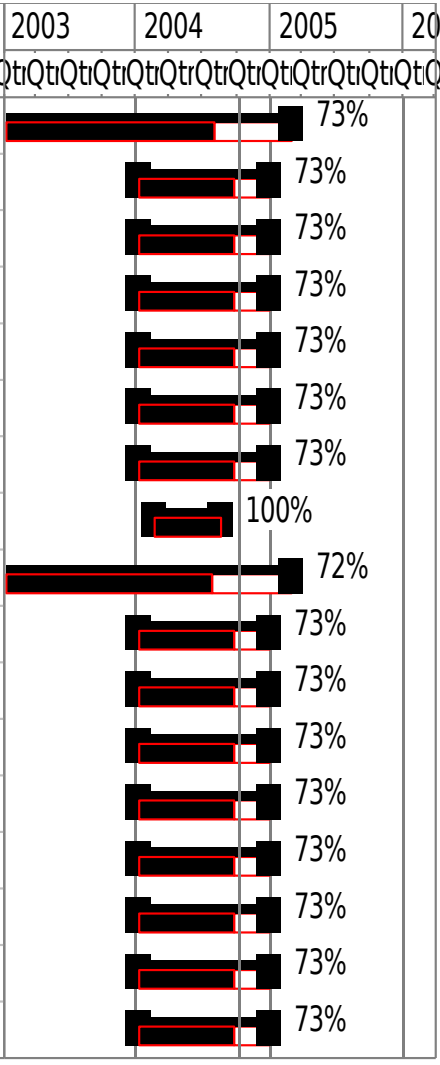
Task Name	ID	B/L ST	B/L FN	ES	EF	TF
IMACS - Millenia Lite Task Order 1 (2003-2004)	1	**1/6/03**	**2/25/05**	**1/6/03**	**2/25/05**	**0**
Program Management	2	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Program Management	3	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Program Control	5	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Configuration Management	20	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Quality Assurance	22	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Other Direct Costs (ODCs) - 2004	24	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
CMT & User Group Meetings	26	**2/16/04**	**8/13/04**	**2/16/04**	**8/13/04**	**0**
Technical	30	**1/6/03**	**2/25/05**	**1/6/03**	**2/25/05**	**0**
Maintenance Support Activities	31	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Support Interfaces	32	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Support new LMP files	33	1/5/04	12/24/04	1/5/04	12/24/04	0
Support NAVAIR files	34	1/5/04	12/24/04	1/5/04	12/24/04	0
Support DRs	35	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Fix Software & other DRs	36	1/5/04	12/24/04	1/5/04	12/24/04	0
Support Regulation Changes	37	**1/5/04**	**12/24/04**	**1/5/04**	**12/24/04**	**0**
Perform Reg Boilerplate Updts	38	1/5/04	12/24/04	1/5/04	12/24/04	0



Milestone Schedule (Page 2)

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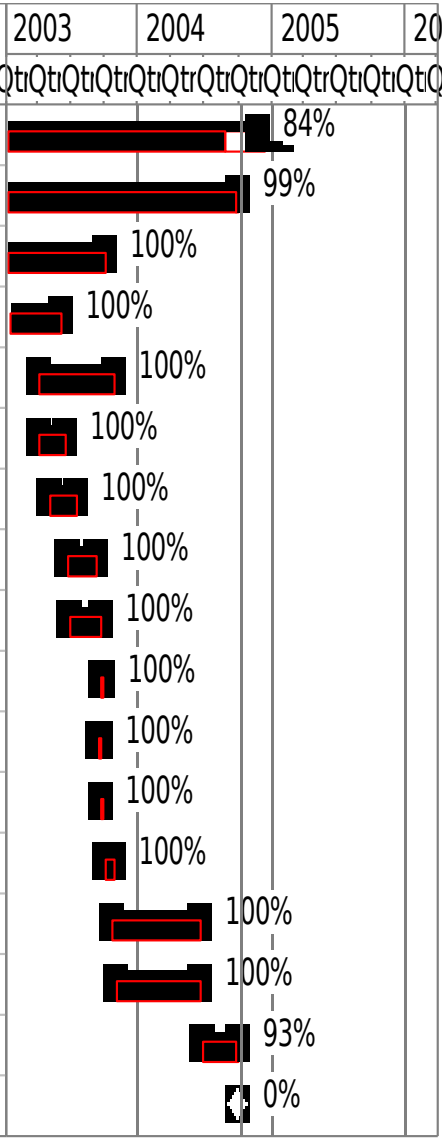
Task Name	ID	B/L ST	B/L FN	ES	EF	TF
IMACS Version 6.0	39	**1/6/03**	**11/23/04**	**1/6/03**	**12/8/04**	**0**
Software Upgrades	40	**1/6/03**	**9/24/04**	**1/6/03**	**9/24/04**	**0**
Obtain CA 6.5 H/W & Maintenance	41	1/6/03	9/27/03	1/6/03	9/27/03	0
Obtain 64 Bit Server (UNIX 11i)	42	1/9/03	5/29/03	1/9/03	5/29/03	0
Obtain Supporting Software	43	3/31/03	10/25/03	3/31/03	10/25/03	0
Obtain Oracle 9i (From DISA)	44	3/31/03	6/13/03	3/31/03	6/13/03	0
Configure Unix 11i (Dev)	45	4/28/03	7/11/03	4/28/03	7/11/03	0
Configure Oracle 9i (Dev)	46	6/20/03	9/5/03	6/20/03	9/5/03	0
Configure CA Ency 6.5 (Dev)	47	6/26/03	9/15/03	6/26/03	9/15/03	0
Configure Checkout W/S CA 6.5 (Dev)	48	9/16/03	9/19/03	9/16/03	9/19/03	0
Test AG S/W System Functionallity (Dev)	49	9/8/03	9/17/03	9/8/03	9/17/03	0
Convert & Test S/W Model (Dev)	50	9/17/03	9/18/03	9/17/03	9/18/03	0
Install/Setup Devl W/S CA 6.5 (Dev)	51	9/26/03	10/24/03	9/26/03	10/24/03	0
Configure Work Station/Convert & Test IMACS	52	W M10/15/03	6/14/04	10/15/03	6/14/04	0
Configure Work Station/Convert & Test IMACS	53	epor10/29/03s	6/14/04	10/29/03	6/14/04	0
Perform & Support UAT Test V6.0	54	6/21/04	9/24/04	6/21/04	9/24/04	0
6.0 Software Upgrades complete	55	9/24/04	9/24/04	9/24/04	9/24/04	0



Milestone Schedule (Page 3)

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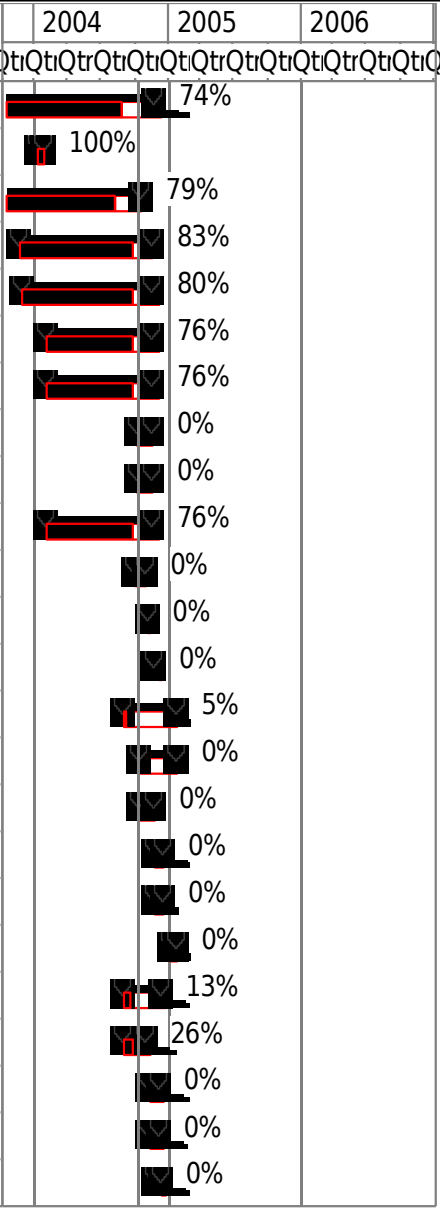
Task Name	ID	B/L ST	B/L FN	ES	EF	TF
Build and Test Production Server Enviroment	56	**10/10/03**	**11/23/04**	**10/10/03**	**12/8/04**	**0**
Coordinate with DISA for S/W upgrades (Prod)	57	1/6/04	1/19/04	1/6/04	1/19/04	0
Setup logon Ids and Initial Libs	58	10/10/03	10/15/04	10/10/03	10/15/04	0
Inventory System hardware/software	59	11/17/03	11/17/04	11/17/03	11/17/04	0
Obtain/Install Required System related S/W (Prod)	60	11/21/03	11/17/04	11/21/03	12/2/04	-9
Identify/Modify comm changes	61	1/26/04	11/17/04	1/26/04	12/2/04	-9
Configure/Test/Tune System S/W (Prod)	62	1/26/04	11/17/04	1/26/04	12/2/04	-9
Oracle 9i DB for upgrade/cnfg/load (Prod)	63	10/4/04	11/17/04	10/4/04	11/17/04	0
Migrate and test IMACS application	64	10/4/04	11/17/04	10/4/04	11/17/04	0
Coordinate Deployment Activities with sites	65	1/26/04	11/17/04	1/26/04	12/2/04	-9
Build Deployment Packages	66	9/27/04	10/29/04	9/27/04	10/29/04	0
Deploy Client S/W Packages	67	11/1/04	11/5/04	11/1/04	11/5/04	0
Cutover to IMACS V6.0	68	11/18/04	11/23/04	12/3/04	12/8/04	-9
IMACS V6.1	69	**8/30/04**	**1/21/05**	**8/30/04**	**1/21/05**	**0**
Download/Upload III-A/B Spreadsheet Enh. (Phase I	70	**10/11/04**	**1/21/05**	**10/11/04**	**1/21/05**	**0**
Perform analysis/design/coding	71	10/11/04	11/19/04	10/11/04	11/19/04	0
System Test	72	11/22/04	12/17/04	11/22/04	12/17/04	0
Update UM	73	11/22/04	12/17/04	11/22/04	12/17/04	0
UAT Test	74	1/3/05	1/21/05	1/3/05	1/21/05	0
Add/Upd Multi Line Items Enh. Phase II	75	**8/30/04**	**12/10/04**	**8/30/04**	**12/23/04**	**0**
Perform Client/Svr changes	76	8/30/04	10/29/04	8/30/04	11/11/04	-9
Test client/svr changes	77	11/1/04	12/3/04	11/12/04	12/16/04	-9
Update UM	78	11/1/04	12/3/04	11/12/04	12/16/04	-9
UAT Test changes	79	11/22/04	12/10/04	12/7/04	12/23/04	-9



Milestone Schedule (Page 4)

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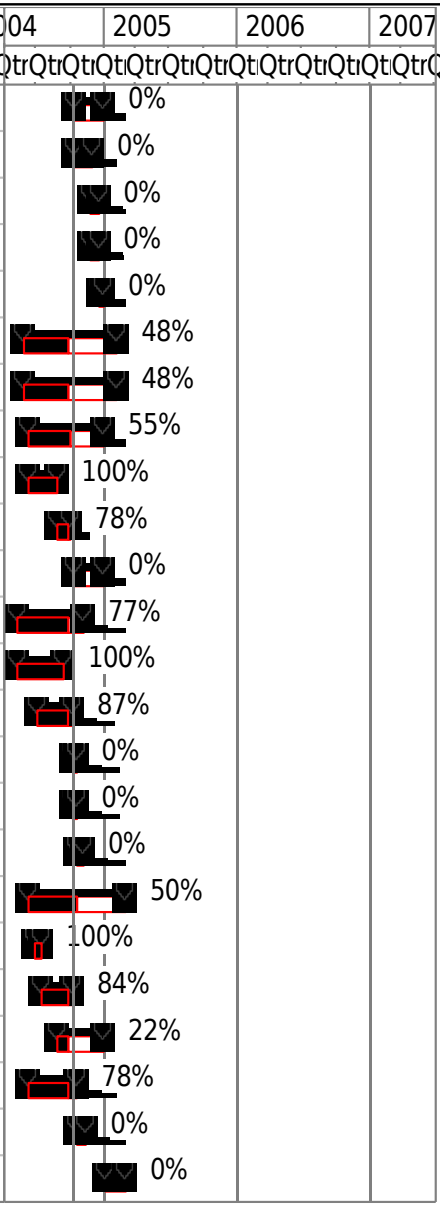
Task Name	ID	B/L ST	B/L FN	ES	EF	TF
Prod Rule Relax-Phase 4 (Relaxed funding wi	80	**low: 10/11/04g X**	**12/24/04s)**	**10/11/04**	**12/24/04**	**0**
Perform Client/Svr Changes	81	10/11/04	11/29/04	10/11/04	11/29/04	0
Test Client/Server Changes	82	11/22/04	12/17/04	11/22/04	12/17/04	0
Update UM for C/S Changes	83	11/22/04	12/17/04	11/22/04	12/17/04	0
UAT Test C/S Changes	84	12/13/04	12/24/04	12/13/04	12/24/04	0
SSAA Activities	85	**5/24/04**	**1/31/05**	**5/24/04**	**1/31/05**	**0**
Perform SSAA activities	86	5/24/04	1/31/05	5/24/04	1/31/05	0
Encryption	87	**6/7/04**	**12/24/04**	**6/7/04**	**12/24/04**	**0**
Develop Encryption Phase 1	88	6/7/04	8/20/04	6/7/04	8/20/04	0
Test Encryption Phase 1	89	8/24/04	9/24/04	8/24/04	9/24/04	0
Perform Encryption Phase 2	90	10/11/04	12/24/04	10/11/04	12/24/04	0
DMOPS Interface	91	**5/5/04**	**11/3/04**	**5/5/04**	**11/3/04**	**0**
Define Req's; develop ICD	92	5/5/04	9/8/04	5/5/04	9/8/04	0
Develop Interface file	93	6/28/04	9/30/04	6/28/04	9/30/04	0
Test interface with DMOPS	94	10/1/04	10/15/04	10/1/04	10/15/04	0
UAT test interface	95	10/1/04	10/15/04	10/1/04	10/15/04	0
Deploy interface	96	10/18/04	11/3/04	10/18/04	11/3/04	0
Perform IMACS Web Study	97	**6/7/04**	**2/25/05**	**6/7/04**	**2/25/05**	**0**
Load Dev W/S with WCE S/W	98	6/23/04	7/8/04	6/23/04	7/8/04	0
Become familiar with tools	99	7/12/04	9/30/04	7/12/04	9/30/04	0
Initiate conversion analysis	100	8/23/04	12/24/04	8/23/04	12/24/04	0
Obtain add'l H/W & S/W	101	6/7/04	10/18/04	6/7/04	10/18/04	0
Configure web environment	102	10/19/04	11/8/04	10/19/04	11/8/04	0
Prepare & Present report	103	1/3/05	2/25/05	1/3/05	2/25/05	0



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PM Overview - Significant Activities

- **Funding –**
  - **Update: 9/30/04 – NGMS received Mod from GSA for $705,899.05**
    - **Removes NGMS from UNCON**
  - **9/16/04 – On temporary UNCON for $244,400 thru October 1, 2004**
  - **IMACS PMO MIPR'ed $500K to GSA for IMACS 6/23/04**
    - **GSA has new system that is not working properly; does not allow GSA to 'see' this funding and to prepare mods to contract**
    - **Paid invoices are also impacted within GSA system**
- **LMP/IMACS Interfaces -**
  - **Still anticipate $108K new funding from Army for IMACS/LMP Workload Forecasting interface and associated Army metrics**
  - **Anticipate RFP from PMO & GSA to prepare proposal for effort**

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PM Overview - Significant Activities - Page 2

- **IMACS/DMOPS Interface -**
  - **9/8/04 – Sent V3_11 updated draft of IMACS/DMOPS ICD to DMOPS Contractor, BAH.**
  - **Continuing work on ‘csv’ file for Exhibit III-A/B fields**
  - **Received word through IMACS PMO of new DMOPS [Army] gov’t customer POC, Ms. Elizabeth Bieri. NGMS concern was too much ‘contractor to contractor’ communication ongoing; kept IMACS PMO in the loop**
  - **DMOPS POC still investigating DMOPS need for Exhibit I/II data to add to IMACS/DMOPS interface; if approved, will require add’l funding for IMACS**

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PM Overview - Significant Activities - Page 3

- **Q302 [refresh of G004L] Integration –**
  - **09/02 - 13/04 – Evaluating MISMBAT from Q302 record processing errors**
    - **Processing issues were resolved**
  - **9/16/04 – IMACS Services and PMO agreed to perform a data validation check on Q302 data within IMACS.**
- **IMACS/CAV/D200A –**
  - **9/24/04 – IMACS attended requirements discussions for potential of IMACS to CAV [AF] interface that may feed to D200A**
  - **Still in requirements definition mode**
  - **Potential for IMACS to receive CSRD to ROM out**

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PM Overview - Significant Activities - Page 4

- **AIRNIS Production Data [partial replacement of Navy Production data]**
  - **9/8/04 - NGMS performed updated analysis of AIRNIS files sent to IMACS**
    - **Working with POC from AIRNIS to finalize**
    - **Initiated automating AIRNIS to IMACS interface from Navy site to IMACS Production site**
- **Encryption –**
  - **Update: 9/29/04 – Encryption Phase 1 complete; will start Phase 2 now**
  - **9/17/04 – Encryption Phase 1 in system test; also minimal testing ongoing in V6.0 UAT environment**
    - **Phase 1 satisfies minimal encryption requirements with delivery of IMACS V6.0**
  - **Encryption needed for NMCI and SSAA**
  - **Aim for full data encryption [Phase 2] with IMACS V6.1.**
    - **Method will be compatible with both Windows client and UNIX server environment**

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PM Overview - Significant Activities - Page 5

- **IMACS Business Case Analysis (BCA)**
  - **9/14/04 – Delivered final draft of IMACS BCA to PMO**
    - **For review by PMO, Services, and JDMAG**
  - **10/25/04 - PMO and NGMS to present to JG-DM in Houston, TX**

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PM Overview - Significant Activities - Page 6

- **Other (Cont.)…**
  - **New DODAACs - Continue to develop incremental lists of new DODAACs for customer approval**
  - **Deleted DMISAs per users approval and request**
  - **Monthly, deleting IMACS messages older than 6 months**
  - **9/2/04 – Presented briefing on IMACS Transaction Reprocessing metrics**

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PM Overview - Training 2004 Page 1

- **Completed Training**
  - **None this period**
- **Future Training**
  - **AIRNIS – No dates set**
  - **AMCOM – No dates set**
  - **CCAD – No dates set**
  - **ASC/WPAFB – No dates set**
  - **CPSG/San Antonio – No dates set**

PM Overview - Training 2004 Page 2

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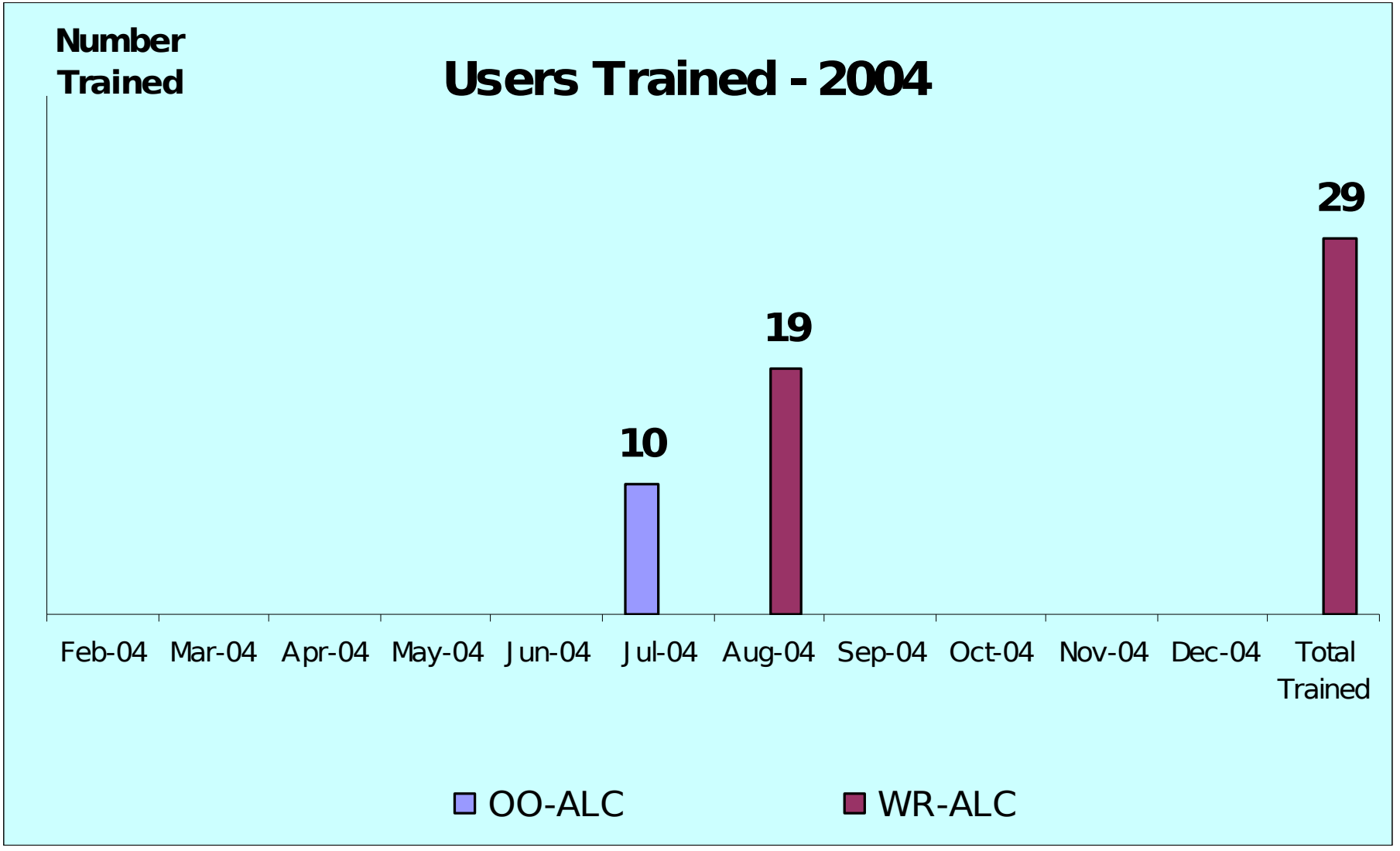

PM Overview - FY04 - DMISA Line Items with Requirements

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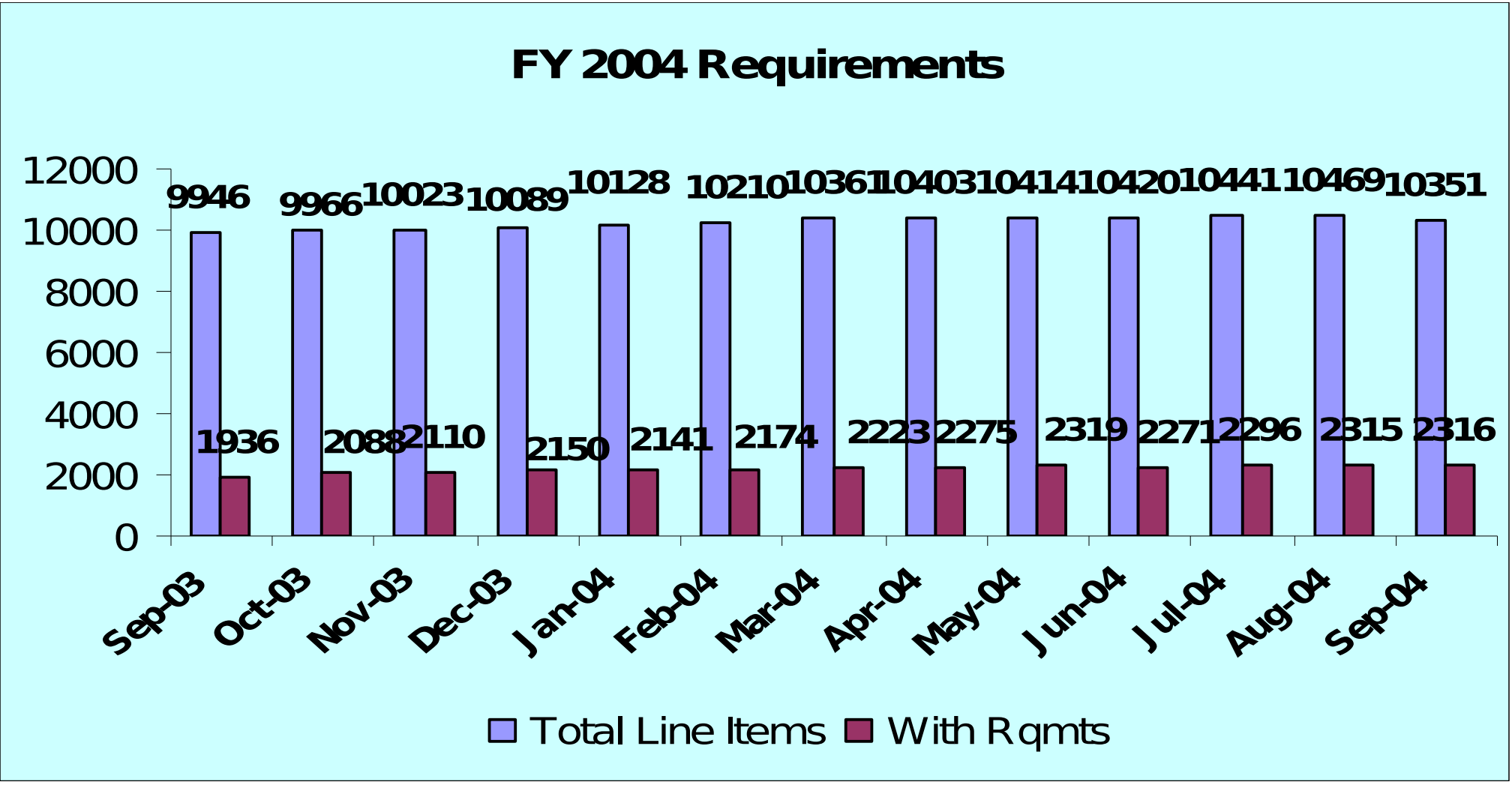

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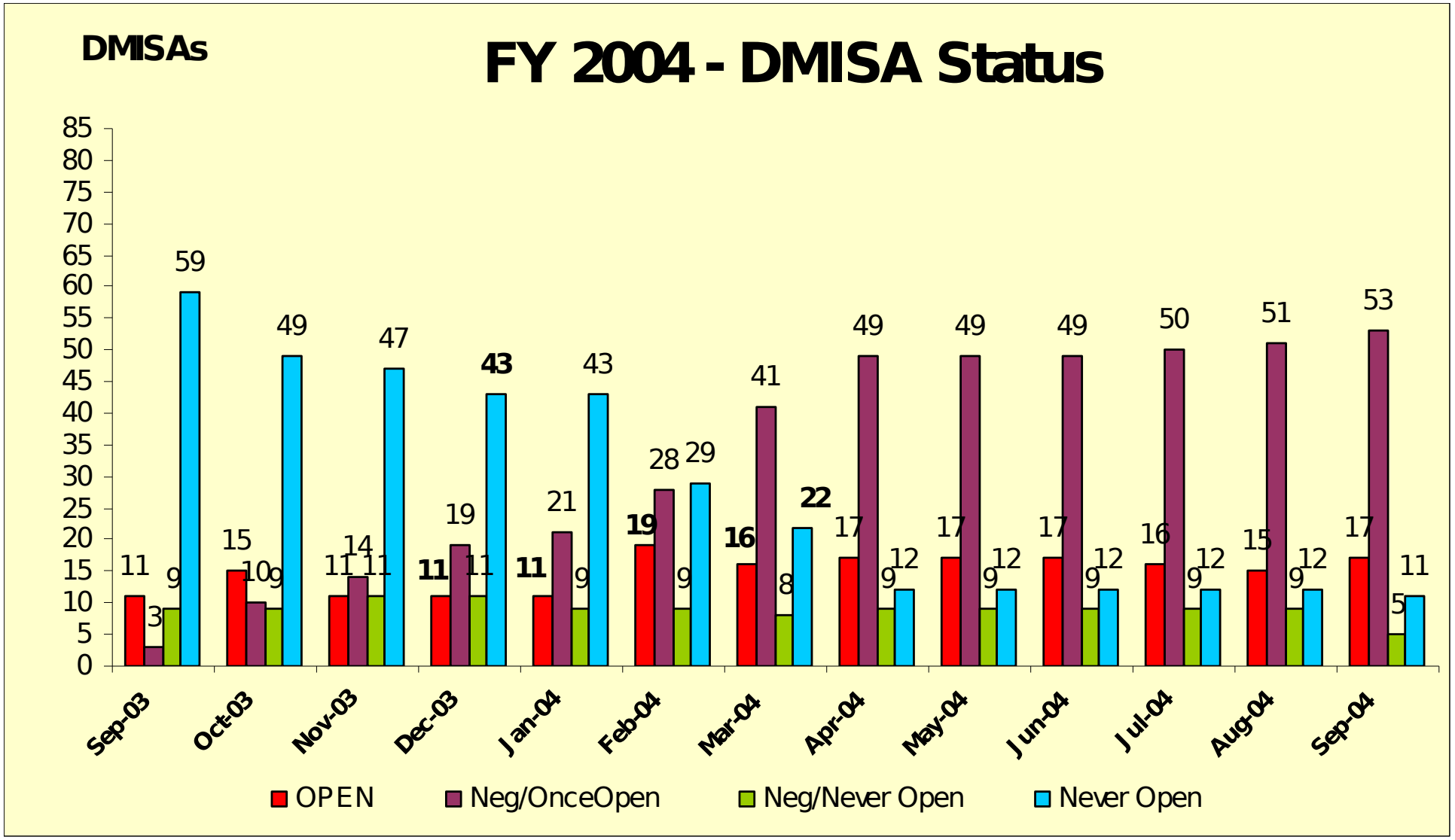
PM Overview - FY 2004 - DMISA Status



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Program Management - Open Risks and Issues

- Lack of Army Interface Data

Cause	Impact	Mitigation
Army SDS and CCSS interfaces were replaced by LMP, which went 'live' for TYAD and CECOM on 7 Jul 03. Still multiple issues to be resolved in LMP data sent to IMACS.	The lack of Army Production and Transaction data from LMP prevents other Services from getting a complete IMACS-generated Exhibit X-B Production Report where Army is the Agent. Will also impact other interfaces requiring outbound IMACS data.	IMACS will continue to evaluate data and work with LMP to resolve outstanding data issues. IMACS will load and process data once issues are resolved and tested.

Criticality	Opened	Closed
Red Risk	4/2/2004	

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Program Management - Open Risks and Issues 7

- Lack of Navy Production interface data. Updated 2-11-03

Cause	Impact	Mitigation
NAVAIR isn't currently developing an MRPII data feed to replace previous WCS. Absence of data feed is a matter of NAVAIR priority. While IMACS is endorsed by USN MISMO, not universally recognized as a MUST HAVE.	The lack of a Navy Production data feed leaves Navy users with the inability to produce an automated Production Report through IMACS. Users would need to manually enter production data into IMACS to produce an automated report.	PMO sent letter to NAVAIR requesting Navy to consider making IMACS datafeed a higher priority. 2/11/03 - AIRNIS sent updated draft ICD; test data files continue from local DB for continue from local DB for Prod Data. AIRCPT & AIRJAX may follow if

Criticality	Opened	Closed
Yellow Risk	4/9/2002	

Configuration Management - Contract Deliverables

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Delivered

Title	Due Date	Delivered Date
September Monthly Status Report	10/10/04	10/08/04

Upcoming

Title	Due Date	Delivered Date
October Monthly Status Report	11/10/04	

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Configuration Management - Miscellaneous Deliveries

Delivered

Title	Date
IMACS Unfunded Requirements for FY 04	9/1/04
July-04-Transactions Reprocesing Detailed rpt	9/1/04
DMISA List FY 04	9/1/04
DMOPS Draft ICD, V3_11 to BAH	9/8/04
NGMS Updated Analysis of AIRNIS files	9/8/04
IMACS Final Draft BCA to PMO	9/15 & 16/2004
IMACS Draft JG-DM BCA Briefing to PMO	9/29/04
CA Issue - back up info & database	9/30/04
IMACS July 2004 CMT - AI 06 Response	9/30/04

Upcoming

Title	Due Date	Delivered Date

PM Overview - Future Activities

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- **Planned IMACS Software Releases for 2004**
  - **Version 6.0 (4th Qtr 2004)**
    - **Software Upgrades**
    - **Encryption – Phase 1**
    - **Misc. DRs**
  - **Version 6.1 (1st - 2nd Qtr 2005)**
    - **Phase II – Spreadsheet enhancement**
    - **Phase II – Add Multiple Line Items**
    - **Relaxed Funding Windows**
    - **ZWT Transactions – Online**
    - **Encryption – Phase 2**
    - **Misc. DRs**
  - **IMACS/DMOPS Interface**
  - **IMACS SSAA/C4ISP Certification activities**
  - **Perform Web Study (3rd-4th Qtr)**
  - **IMACS/LMP Interface - when approved**

Systems Engineering & Tech Support - DR Activity

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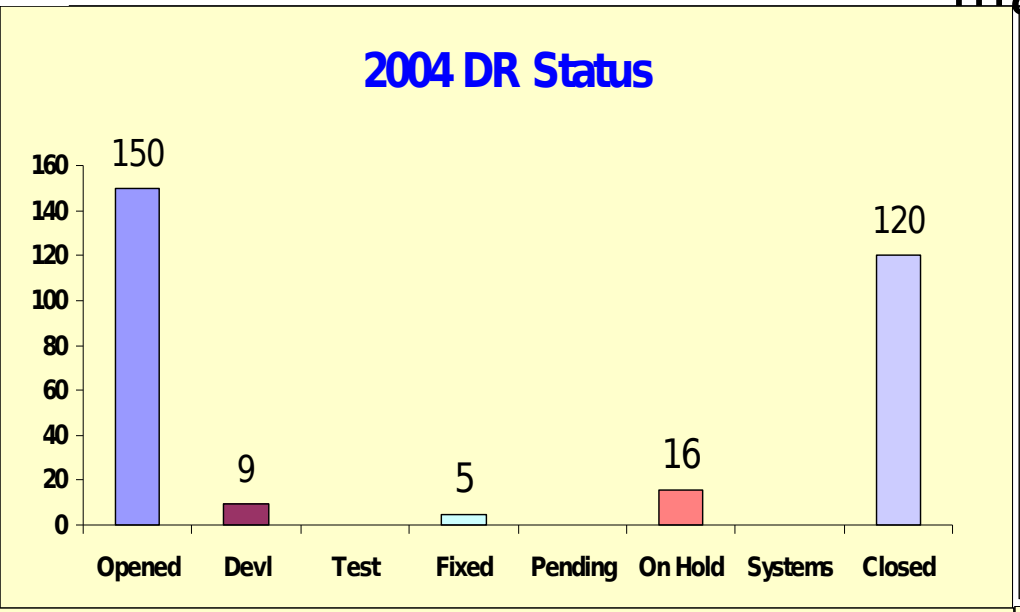

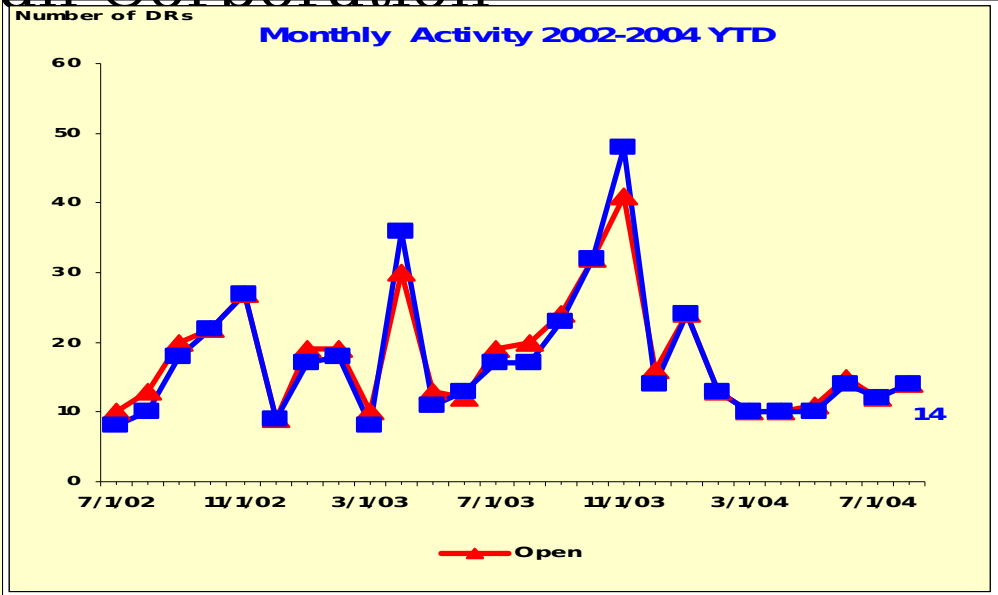

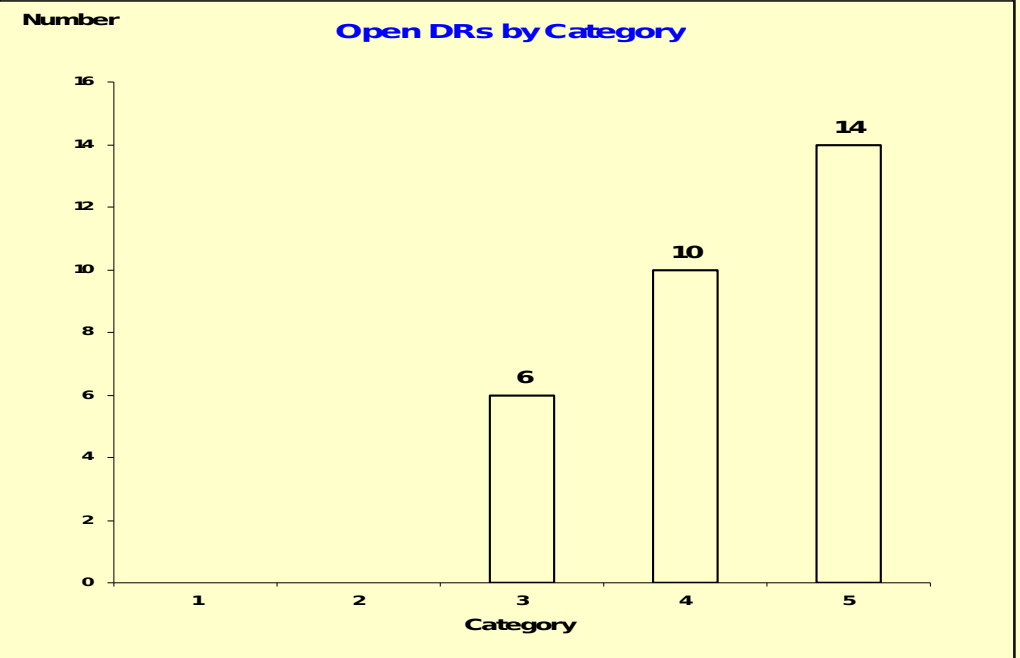

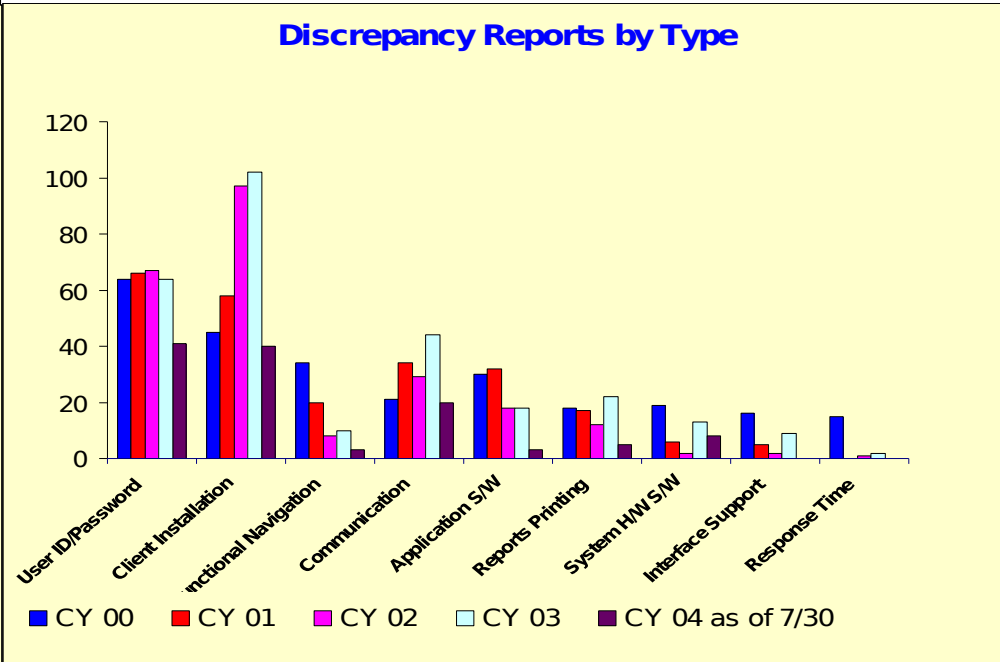

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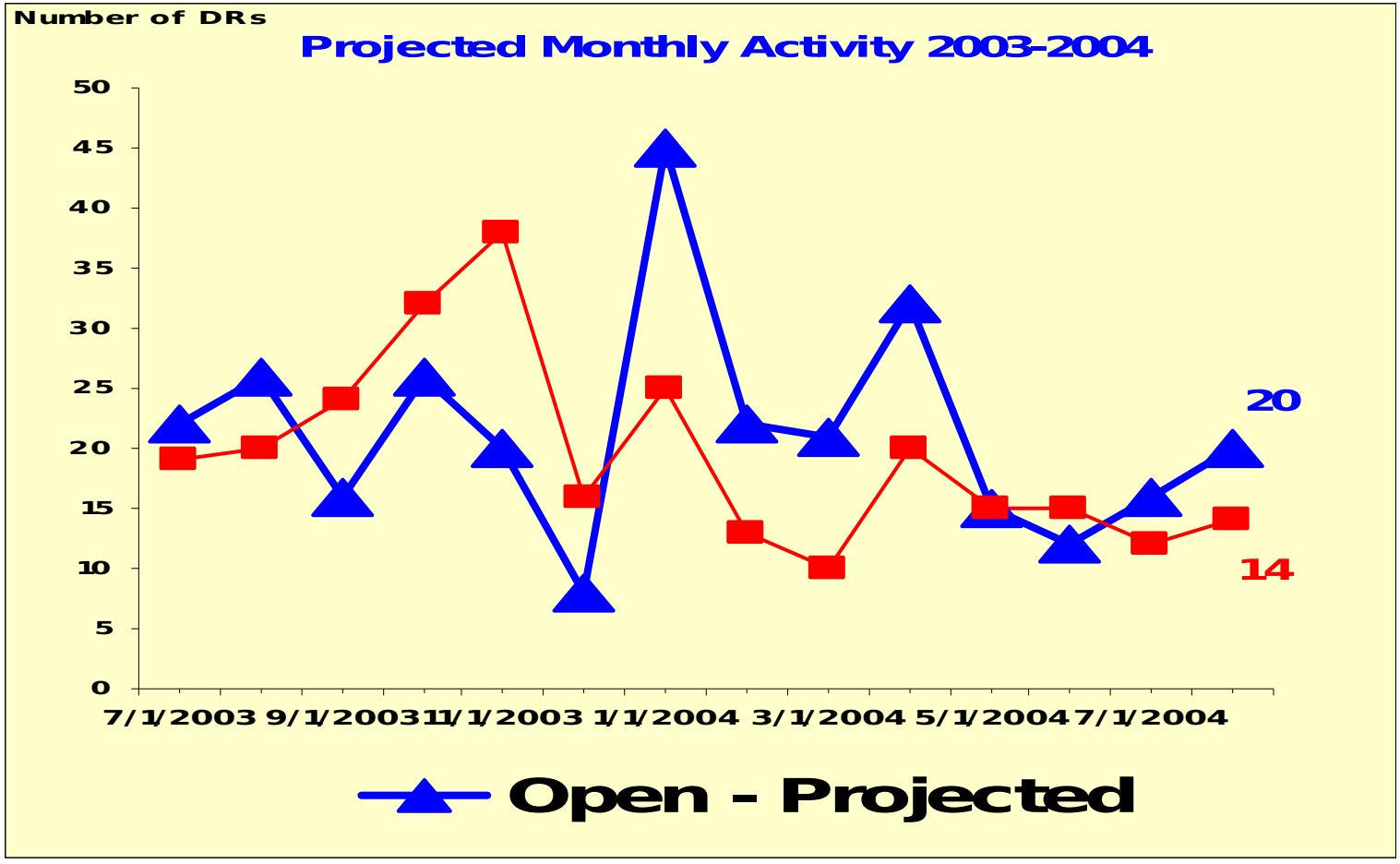
Systems Engineering & Tech Support

Projected Monthly DR Activity 2003-2004



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Systems Engineering & Tech Support

- **Significant Activities**
  - **08/23/04 – Testing Report6i Runtime & Net 8 Easy config software and install programs**
  - **08/23/04 – ISSO file a Firewall Exception Request**
  - **08/24/04 – New Boilerplate Regulation text migrated for UAT testing**
  - **08/25/04 – Received HQ approval for Workload Forecasting and associated metrics.**
  - **08/27/04 – Evaluating impact of discontinuance of availability of port 23 (telnet) from Northrop Grumman to HAFB.**
  - **08/31/04 – Identified unfunded IMACS requirements for FY04 if fallout funding available.**
  - **09/01/04 – Production database server delivery scheduled for 10/01/04**

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- **Significant Activities**
  - **09/01/04 – Working SSAA requirements with NAVAIR Depot North Island**
  - **09/02/04 – Evaluating MISMBAT from Q302 record processing errors**
  - **09/03/04 – Researching Microsoft IIS web server and WebLogic servlet engine configuration requirements**
  - **09/07/04 – Provided updated development web server configuration for acquisition**
  - **09/08/04 – Continued working spreadsheet generation issues with CA**
  - **09/09/04 – Initiated UAT encryption testing**
  - **09/09/04 – Certificate requirement identified for WPAFB firewall access modifications**

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Significant Activities

- **09/10/04 – PMO authorization to purchase develop web server requested**
- **09/13/04 – Working development w/s configuration baseline issues**
- **09/14/04 – Delivered IMACS BCA to PMO for distribution – Request to present at JG-DM briefing Oct. 25, 2004**
- **09/15/04 – Provided IMACS V6.0 RFS updates required for Cherry Point installation**
- **09/15/04 – NAVSUPSYSCOM requesting exception waiver extension until 31 Mar 05 until FIPS-140-2 encryption accomplished**
- **09/15/04 – Planning acquisition of hardware and software identified in 2004 fall-out fund request**
- **09/20/04 –Action to brief IMACS BCA at the next JG-DM meeting**

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System Engineering - Open Risks and Issues

- DoD Communication Port Closures and .mil access. Updated 3-06-03

Cause	Impact	Mitigation
Closure of NIPERNet communication ports at firewalls managed by DoD.	Potentially impact ability to communicate via Telnet, FTP, & Oracle ports. Telnet closure=impact ability to maintain prod. Application. FTP closure=impact IMACS Interface date flows. Oracle port closures=impact ability to generate IMACS reports at	Researching and testing ability to generate secure Telnet sessions using SSH. FTP port closure impacts being reevaluated by DoD. Researching use of alternate Oracle communication ports. Monitoring .mil access issues.

Criticality	Opened	Closed
Yellow Risk	3/25/2003	

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Systems Engineering & Tech Support

- **Production C/S Software Upgrade Schedule**
  - **HP UNIX 11.i -- 4th Quarter 2004**
  - **ADVANTAGE GEN 6.5 -- 4th Quarter 2004**
  - **ORACLE 9i Database -- 4th Quarter 2004**
  - **ORACLE Developer 6i -- 4th Quarter 2004**
  - **AG 6.5 Client Manager-- 4th Quarter 2004**

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- **WEB Enablement**
  - **CA and Oracle software upgrades acquired -- Aug. 2002**
  - **Acquisition of additional H/W and S/W -- Oct. 2002**
  - **Creation of WCE training environment -- Sep-Dec. 2002**
  - **CA PKI/Web security briefing -- Feb 03, 2003**
  - **Microsoft Security seminar -- Apr 01, 2003**
  - **Microsoft Office 2003 seminar -- Oct 28, 2003**
  - **GCSS-AF Customer and Vendor Conference -- Nov 21, 2003**
  - **Microsoft MSDN/TechNet seminar -- Apr 06, 2004**

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- **GCSS-AF**
  - **Analyzing IMACS Web enablement conformity impacts**
- **PKI**
  - **Researching available methods with Air Force and CA to incorporate into IMACS Web solution**
- **DII/COE**
  - **Implement after IMACS Web environment established**
- **C/S Encryption**
  - **Researching encryption methods and s/w requirements**
- **Hardware, Software, and Vendor Maintenance**
  - **Development web server in acquisition**
  - **Researching acquiring MSDN subscription**

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